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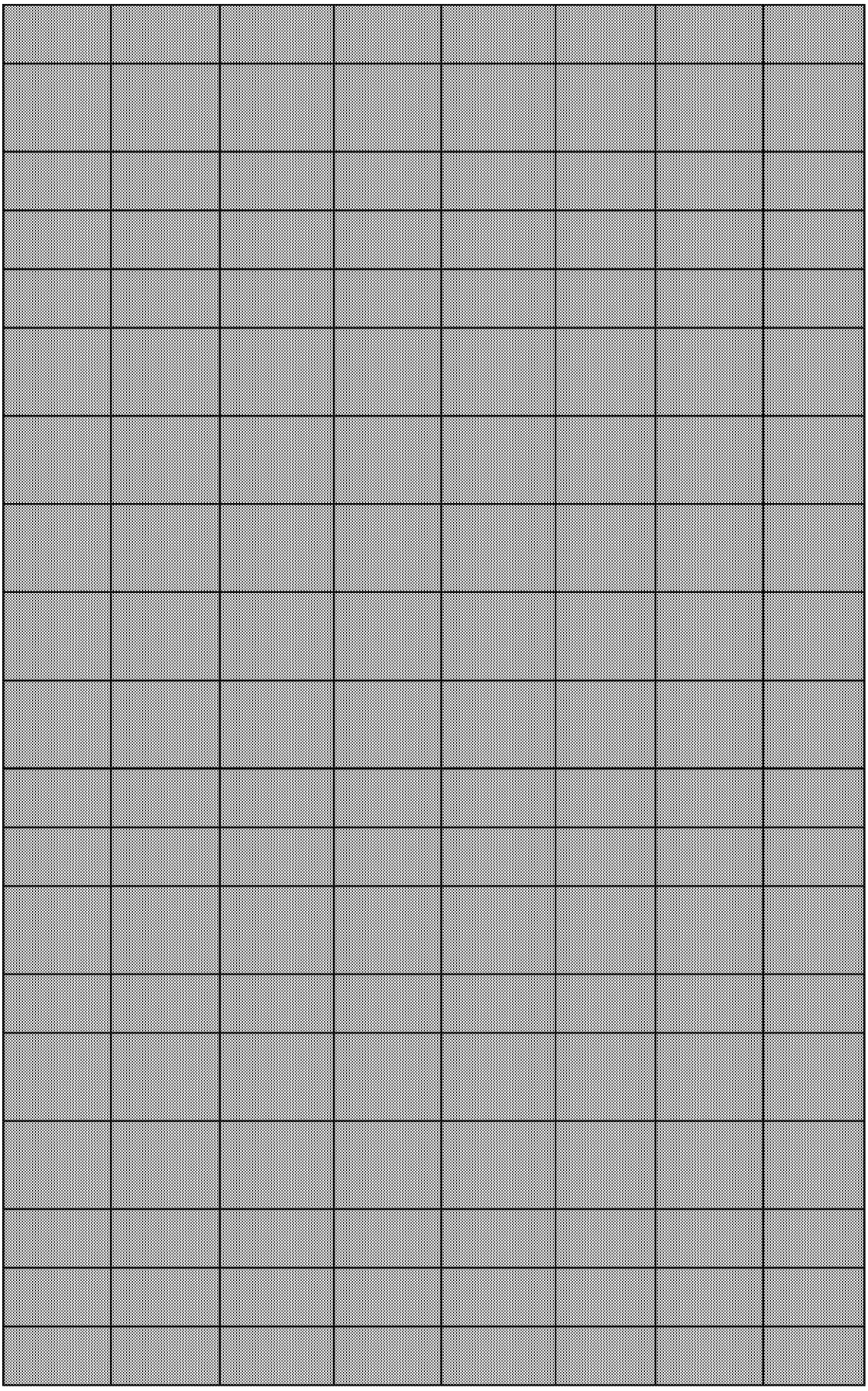

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Monolayers of CuII-complexes on electrode surfaces are frequently applied for the immobilization and controlled orienta
The local wall shear stress (WSS) mapping in the rotating cage (RC) has been obtained from measuring the diffusion curre
The one-electron reduction product of 1-methyl-4-phenyl-2,3-dihydropyridinium ion has been generated by pulse radioly
Summary Exposure of isolated Amaranthus chloroplasts to elevated temperatures (>25
Well-ordered cubic FDU-12 type mesoporous silicas functionalized with various contents of carboxylic acid group (COOH)
Summary Exposure of chloroplasts to strong visible light in the presence of DCMU and paraquat resulted in lipid peroxida
Rat liver microsomes and purified NADPH-cytochrome c reductase metabolized [14C]misonidazole anaerobically to a rea
A fluorescent pyrene derivate, N-allyl-1-pyrenemethylammonium hydrochloride (APA+), was reported to form a stable h
Effects of butachlor, bensulfuron-methyl, and dimethoate on the growth, photosynthesis, and photoinhibition of the edib
The metal-mediated site-specific mechanism for free radical-induced biological damage is reviewed. According to this m
The photoinduced electron transfer between either cationic 5,5?-dichloro-3,3?,9-triethylthiacarbocyanine (1) or a structu
Summary Mechanisms by which higher levels of Zeaxanthin (Zx) in detached wheat leaves, induced by ascorbate in vivo t
1. 1. The photooxidation of 3,3?-diaminobenzidine was investigated in whole cells of the wild-type and two mutant strain
One-month-old pea seedlings (Pisum sativum L. cv. Bonneville) raised in sand culture, were provided with a nutrient solu
A simple and low cost flow injection colorimetric system has been developed for determination of paraquat in natural wa
Oxygen radicals play both pathological and physiological roles in biological systems. The detection of such radicals is diffi
The hydrogenase of Rhodopseudomonas capsulata is an intrinsic membrane protein extractable from the membrane by
We report the convenient synthesis of a pyrrole-functionalized tetracationic cyclophane, [2]rotaxane, and [2]catenane. X

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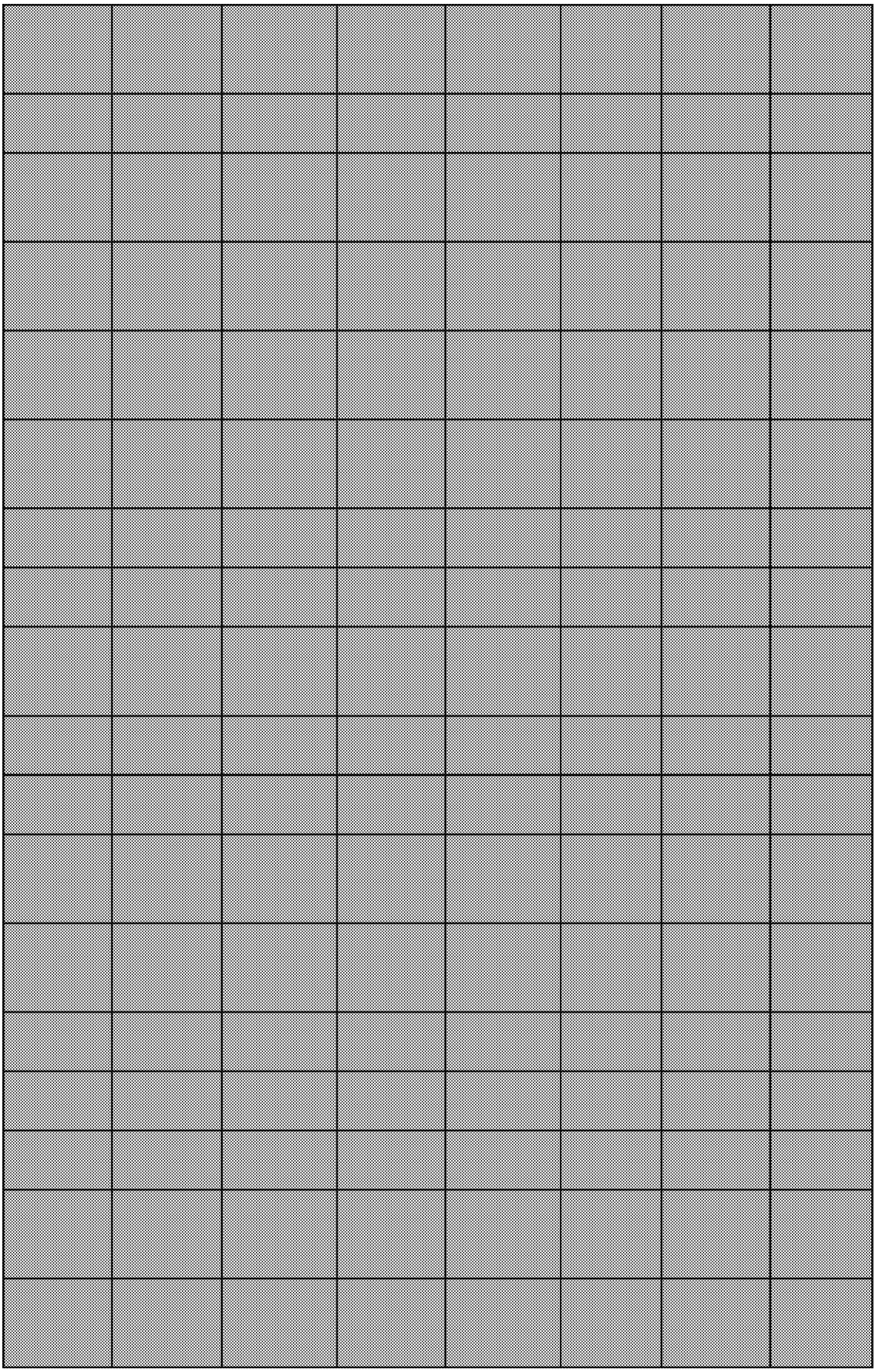

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Chlorophyll fluorescence measurements were performed on osmotically lysed potato chloroplasts in order to characteriz
The immobilization of nitrate reductase (NR) was performed by entrapment in a laponite clay gel and cross-linking by glu
The effects were studied of the plastoquinone analogs 2,5-dibromo-3-methyl-6-isopropyl-p-benzoquinone (DBMIB) and t
Suspensions of lecithin vesicles incorporating zinc tetraphenylporphyrin in high and low local concentrations (lipid-to-por
The structure-function relationships in nitrite reductases, key enzymes in the dissimilatory denitrification pathway which
Effects of two fertilizers, NH4Cl and KCl, on the growth of the edible cyanobacterium Ge
The effect of amino acid residues modification of Desulfovibrio gigas hydrogenase on different activity assays is reported
This study compared the effect of loading apoferritin either with ferrous ammonium sulfate in various buffers or with cer
Chemically modified carbon electrodes are prepared which hold polymeric layers of anthraquinone or dopamine units or
The toxicity of paraquat is due to the oxygen-derived radicals formed by the reaction of oxygen with bipyridylium radical
Various electrochemical advanced oxidation processes (EAOPs) including anodic oxidation (AO), electro-Fenton (EF) and p
The catalytic wet peroxide oxidation (CWPO) method was applied to the degradation of paraquat, a widely used and high
The stoichiometry of H+ and electron transport in spinach chloroplasts was very sensitive to the presence or absence of t
Sodium salicylate (NaSAL) has been shown to be a promising antidote for the treatment of paraquat (PQ) poisonings. The
We have investigated the effect of paraquat (methyl viologen) on lipid peroxidation in bovine adrenal cortex mitochondr
The thermophilic facultatively phototrophic green bacterium Chloroflexus aurantiacus strain Ok-70-fl was shown to posse
Activity staining after non-denaturing polyacrylamide gel electrophoresis (PAGE) of extracts from nitrate-treated plants i
Fe-hydrogenase from Enterobacter cloacae IIT-BT08 was purified 1284 fold with specific activity of 335 ?mol H2/min/mg
Summary It was found that hydrogen was produced from 1,4-dihydronicotinamide derivatives such as 1-benzyl-1,4-dihyd

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